

Taxa	Donor	Generation1 month1		Generation 1 LF/PP		Generation 1 Western		Generation 2 LF/PP		Generation 2 Western		Frozen month1		Frozen LF/PP		Frozen Western
Bacteria; Firmicutes; Clostridia	61.21 ± 4.48	37.10 ± 2.23	46.98 ± 1.00	49.17 ± 1.17	55.75 ± 1.32	49.43 ± 2.09	43.83 ± 1.22	42.67 ± 1.40	56.33 ± 2.03							
Bacteria; Bacteroidetes; Bacteroidetes	34.21 ± 4.65	52.65 ± 2.76	46.93 ± 0.96	18.03 ± 1.58	35.41 ± 1.34	19.83 ± 2.14	40.60 ± 2.23	47.26 ± 1.10	16.67 ± 2.14							
Unclassified-Screened; Unassigned; Unassigned	1.32 ± 0.23	1.30 ± 0.09	1.30 ± 0.07	0.31 ± 0.02	0.88 ± 0.09	0.35 ± 0.03	1.23 ± 0.09	1.41 ± 0.10	0.37 ± 0.04							
Bacteria; Actinobacteria; Actinobacteria	1.14 ± 0.12	2.61 ± 1.95	0.17 ± 0.05	0.60 ± 0.10	0.21 ± 0.03	0.23 ± 0.04	1.75 ± 0.48	0.22 ± 0.03	0.52 ± 0.08							
Bacteria; Firmicutes; Erysipelotrichi	0.69 ± 0.08	3.64 ± 0.41	3.25 ± 0.18	15.88 ± 0.74	6.11 ± 0.71	13.67 ± 0.81	8.98 ± 1.59	5.52 ± 0.46	14.39 ± 1.29							
Bacteria; Firmicutes; Unassigned	0.43 ± 0.16	0.41 ± 0.19	0.28 ± 0.02	1.21 ± 0.06	0.26 ± 0.03	2.23 ± 0.17	0.16 ± 0.01	0.02 ± 0.02	1.25 ± 0.28							
Bacteria; Proteobacteria; Betaproteobacteria	0.35 ± 0.09	0.94 ± 0.11	0.63 ± 0.04	0.90 ± 0.09	0.59 ± 0.07	1.14 ± 0.13	0.80 ± 0.07	0.98 ± 0.10	0.81 ± 0.10							
Bacteria; Firmicutes; Bacilli	0.24 ± 0.12	0.03 ± 0.01	0.09 ± 0.07	12.97 ± 1.10	0.11 ± 0.05	11.53 ± 1.59	0.01 ± 0.00			2.33 ± 0.71						
Bacteria; Bacteroidetes; Unassigned	0.16 ± 0.04	0.11 ± 0.03	0.07 ± 0.01	0.07 ± 0.01	0.06 ± 0.01	0.16 ± 0.02	0.07 ± 0.01	0.09 ± 0.02	0.09 ± 0.03							
Bacteria; Proteobacteria; Deltaproteobacteria	0.12 ± 0.02	0.15 ± 0.02	0.07 ± 0.01	0.32 ± 0.04	0.06 ± 0.01	0.34 ± 0.04	0.15 ± 0.02	0.23 ± 0.03	0.42 ± 0.08							
Bacteria; Verrucomicrobia; Verrucomicrobiae	0.12 ± 0.02	0.19 ± 0.05	0.21 ± 0.03	0.46 ± 0.10	0.43 ± 0.07	0.88 ± 0.12	1.43 ± 0.18	1.47 ± 0.38	6.57 ± 1.17							
Bacteria; Bacteroidetes; Flavobacteria	0.01 ± 0.01															
Bacteria; Proteobacteria; Unassigned		0.03 ± 0.01	0.02 ± 0.00	0.05 ± 0.01	0.03 ± 0.01	0.01 ± 0.05	0.01 ± 0.02	0.00 ± 0.03	0.01 ± 0.04	0.01 ± 0.01						
Bacteria; Proteobacteria; Gammaproteobacteria		0.83 ± 0.27	0.01 ± 0.00	0.03 ± 0.01	0.07 ± 0.03	0.14 ± 0.04	0.98 ± 0.32	0.00 ± 0.00	0.00 ± 0.00	0.19 ± 0.07						
Bacteria; Proteobacteria; Epsilonproteobacteria		0.01 ± 0.00														
Bacteria; TM7; TM7_genera_incertae_sedis		0.01 ± 0.01														
Bacteria; Proteobacteria; Alphaproteobacteria				0.00 ± 0.00			0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00				0.00 ± 0.00			
Bacteria; Lentisphaerae; Lentisphaerae				0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00							
Bacteria; Cyanobacteria; Cyanobacteria			0.00 ± 0.00													

*Cells with a value of zero are indicated by a black square. Significant differences between LF/PP and Western diet microbiota are shaded (P<0.01; Student's t-test).